AMENDMENTS TO THE CLAIMS

1-10. (Cancelled)

11. (New) A method of dynamically assigning network access priority by analyzing an access request command from a client to reallocate an access priority, the method comprising steps of:

establishing at least one priority parameter table on a storage server, the priority parameter table including an access target, a sending source and corresponding weight parameters for each of the access target and the sending source;

receiving the access request command from the client, the access request command including an access target of the access request command and a sending source of the access request command;

analyzing the access request command according to the weight parameters of the priority parameter table by comparing the access target of the access request command with the corresponding access target of the priority parameter table and comparing the sending source of the access request command with the corresponding sending source of the priority parameter table respectively to generate an access priority value;

performing a ranking mechanism according to the access priority value to reallocating an access priority list; and

executing the access priority list in sequence.

12. (New) The method of claim 11, wherein the access target comprises a file type and a file size.

13. (New) The method of claim 11, wherein the access target further comprises an estimated files access time.

14. (New) The method of claim 11, wherein the sending source of the access request command is consisting of a group of a user ID, a client machine IP address and the combination thereof.

15. (New) The method of claim 11, wherein the step of generating the access priority value further comprises analyzing a sending time of the access request command according to the priority parameter table.

16. (New) The method of claim 15, wherein the ranking mechanism includes the steps of:

reading the access request command and obtaining the weight parameters from the priority parameter tables according to the access request command;

summing up the weight parameters for each of the access request command to generate a sum of the weight parameters; and

sorting the sum of the weight parameters and updating the access priority list.

17. (New) The method of claim 11, wherein the ranking mechanism includes the steps of:

reading the access request command and obtaining the weight parameters from the priority parameter tables according to the access request command;

summing up the weight parameters for each of the access request command to generate a sum of the weight parameters ; and sorting the sum of the weight parameters and updating the access priority list.

18. (New) The method of claim 11, wherein the access priority list is reallocated by using dynamical distribution proportion:

$$(a_1+a_2+a_3+\ldots+a_n)/(a_1+a_2+\ldots+a_n +b_1+b_2+\ldots+b_n+\ldots+m_1+m_2+\ldots m_n);$$

where a, b, ..., and m represent distinct access processes and 1, 2, ..., and n represent different types of weight parameters.

19. (New) The method of claim 16, wherein the access priority list includes names of access process, the sum of the weight parameters, and system resource distribution percentages.

20. (New) The method of claim 17, wherein the access priority list includes names of access process, the sum of the weight parameters, and system resource distribution percentages.